

OPINION 2367 (Case 3598)***Thyone* Oken, 1815 and *Psolus* Oken, 1815 (Echinodermata, Holothuroidea): names reinstated as available**

Abstract. The Commission has reinstated as available the generic names *Thyone* Oken, 1815 and *Psolus* Oken, 1815, which were introduced by Oken (1815) in a work that was suppressed by the Commission in Opinion 417 because it was not consistently binominal. The names acquired availability from subsequent use by Lesson (1830) with concepts that differ completely from Oken's, and from the currently accepted usage of these names. *Thyone* and *Psolus* are among the most frequently used generic names in the Holothuroidea.

Keywords. Nomenclature; taxonomy; Echinodermata; Holothuroidea; *Thyone*; *Psolus*; *Thyone fusus*; *Psolus phantapus*; sea cucumbers; cosmopolitan.

Ruling

- (1) Under the plenary power the Commission has ruled that the names *Thyone* Oken, 1815 and *Psolus* Oken, 1815 are available from the original publication by Oken (1815).
- (2) The following names are hereby placed on the Official List of Generic Names in Zoology:
 - (a) *Thyone* Oken, 1815 (gender: feminine), type species by monotypy *Holothuria fusus* Müller, 1776;
 - (b) *Psolus* Oken, 1815 (gender: masculine), type species by monotypy *Holothuria phantapus* Strussenfelt, 1765.
- (3) The following names are hereby placed on the Official List of Specific Names in Zoology:
 - (a) *fusus* Müller, 1776, as published in the binomen *Holothuria fusus*, the specific name of the type species of *Thyone* Oken, 1815;
 - (b) *phantapus* Strussenfelt, 1765, as published in the binomen *Holothuria phantapus*; the specific name of the type species of *Psolus* Oken, 1815.

History of Case 3598

An application to reinstate, under Articles 80.7.2 and 81.1 of the Code, the generic names *Thyone* Oken, 1815 and *Psolus* Oken, 1815, was received from Gustav Paulay (Florida Museum of Natural History, University of Florida, Gainesville, U.S.A.) and Mark O'Loughlin (Marine Science Department, Museum Victoria, Melbourne, Australia) on 06 July 2012. After correspondence the case was published in BZN 69: 276–278 (December 2012). The title, abstract and keywords of the case were published on the Commission's website. No comments were received on this Case. The Case was sent for vote on 1 December 2014 (VP 25). A greater than two-thirds majority of Commissioners voted FOR the Case (17 For, none Against).

Decision of the Commission

At the close of the voting period on 1 March 2015 the votes were as follows:

Affirmative votes – 17: Alonso-Zarazaga, Ballerio, Bouchet, Brothers, Grygier, Halliday, Harvey, Kojima, Krell, Pape, Patterson, Rosenberg, Štys, van Tol, Yanega, Zhang and Zhou.

Negative votes – none.

Bogutskaya, Fautin, Kottelat, Kullander, Lamas, Ng, Pyle and Winston were on leave of absence.

Original references

The following are the original references to the names placed on either an Official List or Index by the ruling given in the present Opinion:

fuscus, *Holothuria*, Müller, 1776, *Zoologiae Danicae prodromus, seu animalium Daniae et Norvegiae indigenarum. Characteres, nomina, et synonyma imprimis popularium*. xxxii, Typis Hallageriis, Havniae, p. 232.

phantapus, *Holothuria*, Strussenfelt, 1765, *Kongliga Svenska Vetenskaps-Akademiens Handlingar, Stockholm*, **26**: 263.

Psolus Oken, 1815, *Oken's Lehrbuch der Naturgeschichte. Teil 3. Zoologie*, C.H. Reclam, Jena, p. 352.

Thyone Oken, 1815, *Oken's Lehrbuch der Naturgeschichte. Teil 3. Zoologie*, C.H. Reclam, Jena, p. 351.